

India Tools & Instruments Co.

PRECISION IS EVERYTHING



India Tools >> Our Products >> NDT Instrument

High Precision Ultrasonic Thickness Gauge ITI-1600

Ultrasonic Thickness Gauges are designed to improve safety and ensure the reliability of material subject to corrosion or erosion.

Corrosion gauges with dual-element transducers are the primary inspection tool used to measure the remaining walls of components such as pipelines, pressure vessels, storage tanks, and numerous other applications.

Precision gauges use single-element transducers to provide the thinnest range and highest degree of accuracy possible. Common applications include metals and a variety of non-metals (i.e. glass, ceramic, plastic, etc.)



Specifications:

Measuring Range	0.65 mm – 400mm (upto 500mm) (in steel)
Sound Velocity	1000~9999 m/s
Resolution	0.01mm/0.1mm or 0.001/0.01" selectable
Units	mm/inch (selectable)
Memory	Upto 2000 Groups (up to 99 Values for each file)
Accuracy	$\pm (0.5\% \text{Thickness} + 0.04) \text{ mm}$
Alarm	preset upper and lower limit
Work Voltage	3V (2 AA alkaline batteries)
Work mode	Single point and scan
Interface port	USB
Dimensions	136 x 72 x 20mm
Weight	177 g
Display	3.5 digit LCD with EL backlight
Continuous Working Period	280 hours (with EL backlight off)

Standard Delivery: Main Unit, TWO test Probes, Data Cable, Software, Coupling oil, Battery, Operation Manual, Carrying case.

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